

## **INDUCTOR ASSEMBLY**

### **Abstract of the Disclosure**

An apparatus and process are provided for induction heat treatment of electrically  
5     conductive workpieces. The inductor assembly is formed from a single piece inductor that  
utilizes an electrically non-conductive top, side and bottom frames to hold flux concentrators  
in place over the sides of the inductor. Flux concentrators can be changed by unfastening the  
frame members, removing the existing flux concentrators, inserting new flux concentrators,  
and fastening the frame members. One or more of the frame members may serve as a  
10    receiving chamber for supply of a quench medium to an induction heated workpiece  
positioned in an opening in the inductor.